

# RSVP - Booster/AGS Status

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# Cost Books

WBS	Title	Cost Book Status
1.4.1.2	<b>Booster</b>	71%
1.4.1.2.1	Electrical modifications	100%
1.4.1.2.2	Mechanical modifications	80%
1.4.1.2.3	RF System modifications	50%
1.4.1.2.4	Instrumentation	50%
1.4.1.2.5	Controls	95%
1.4.1.2.6	S&EP	50%
1.4.1.4	<b>MECO AGS Modifications</b>	25%
1.4.1.4.1	AC-Dipole	25%
1.4.1.4.2	Strip-line Kickers	25%

WBS	Title	Cost Book Status
1.4.1.3	<b>AGS</b>	75%
1.4.1.3.1	Electrical modifications	100%
1.4.1.3.2	Mechanical modifications	80%
1.4.1.3.3	Instrumentation	50%
1.4.1.3.4	Controls	95%
1.4.1.2.6	S&EP	50%
1.4.1.5	<b>KOPIO AGS Modifications</b>	50%
1.4.1.5.1	Booster To AGS Kickers	50%
1.4.1.5.2	25 MHz RF cavity (C-AD Part)	50%

# Cost Status

1. **After PE comments (not a review or cost analysis) some of the Shield cap costs were adjusted**
  1. Booster costs (direct+cont) went from \$695,085 to \$542,375
  2. AGS costs (direct +cont) went from \$2,667,363 to \$3,171,778
2. **BNL part of A10 CFI upgrade. Added engineering and development for BNL, needed for details in interfacing.**
  1. Change in cost +\$360,247, now in spreadsheet and project file
  2. Project file was missing contingency. Fixed.
3. **Instrumentation**
  1. Booster Costs dropped by -\$27,581 in project file
  2. AGS Costs went up by +\$43,757 in project file, largely due to closer review of motion systems costs.
4. **AC- Dipole:**
  1. closer review of system: \$247,763 to \$381,936. = +\$134,173
5. **Strip-lines:**
  1. closer review of system: \$505,661 to 658,198. = +\$152,537

# CFI Status

- R&D programs are well along.
  - Contract for 25 MHz model has been made
  - A10 prototype model designed
  - Ferrites for A10 prototype have been ordered
- R&D will continue through to March 2006
- Bad news: M. Barnes goes on sabbatical to CERN for 1 year – won't be working on A10.
- Main problem with 25 MHz effort is in interface and power amplifier = **need BNL collaboration!**

# Schedules

- All schedules are built (in project)
- Process of building schedules caused experts to re-evaluate costs and labor, and adjustments have resulted.
- Resource loading has been done, but fine tuning still required.